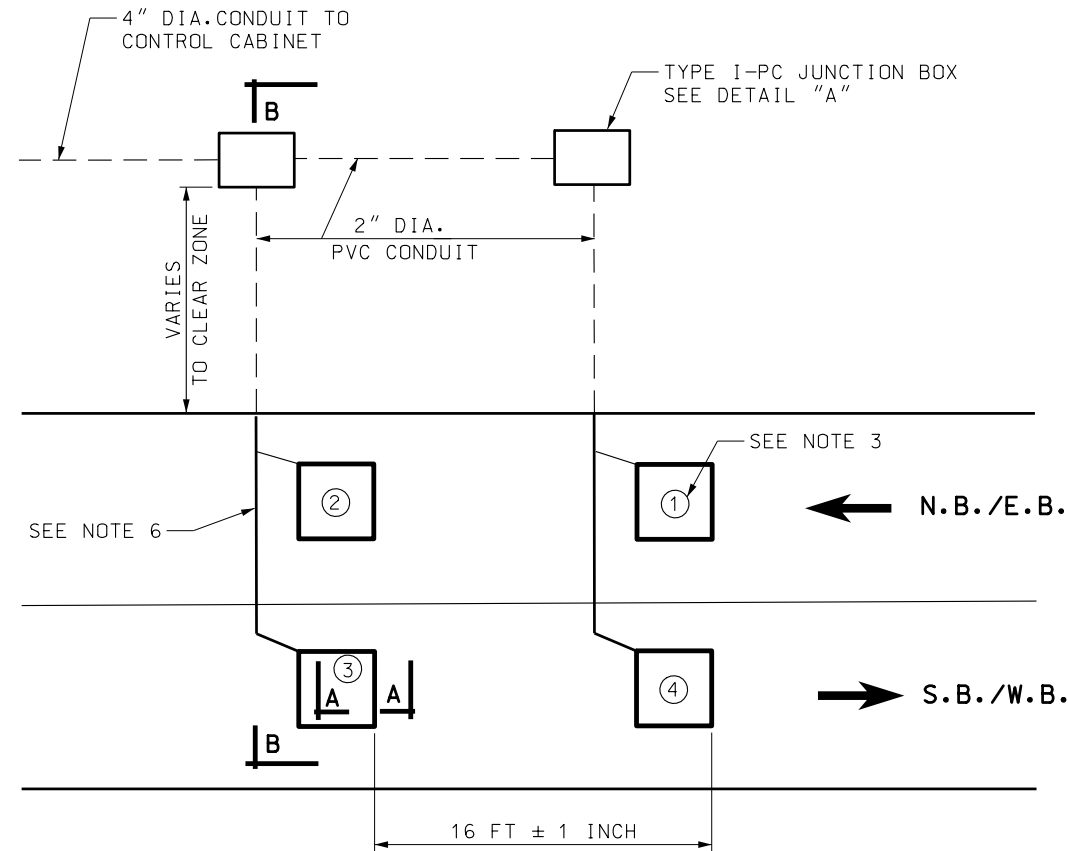
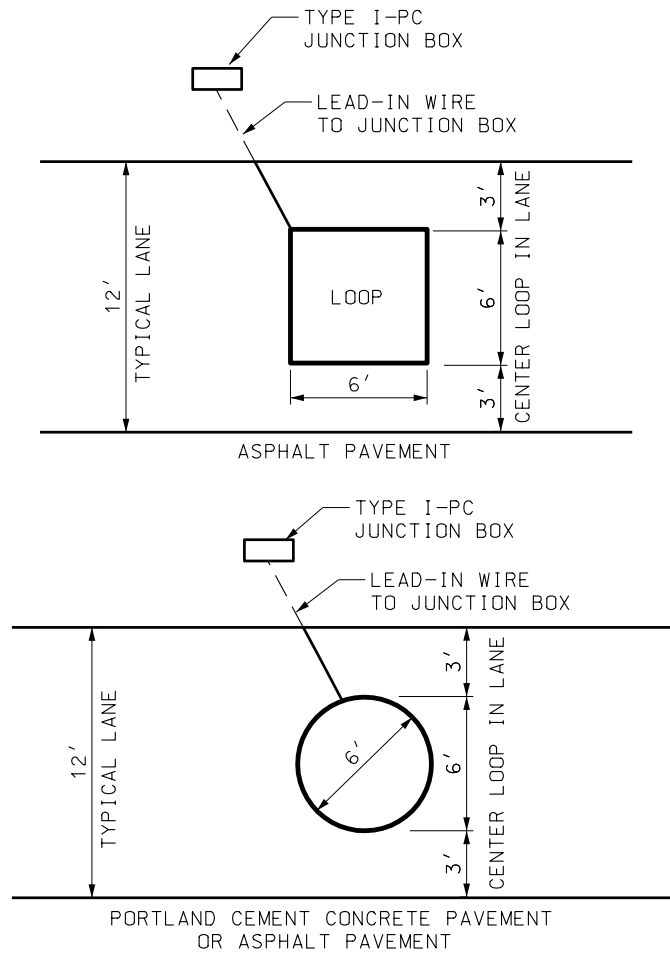


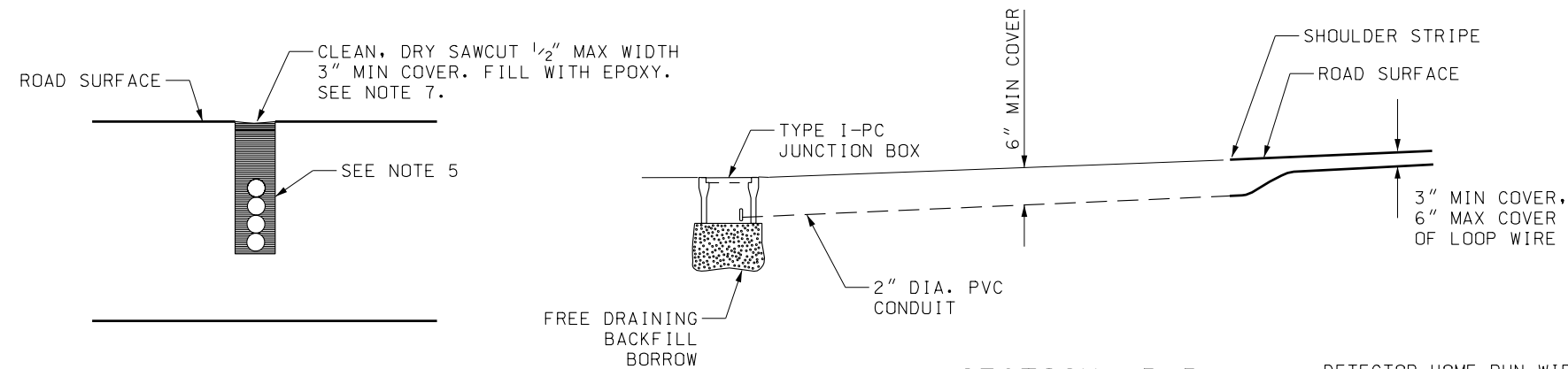
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PLAN VIEW

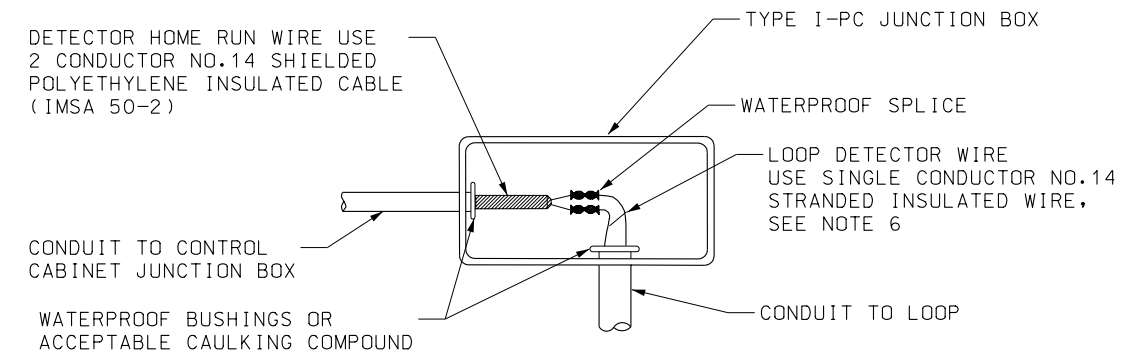


TYPICAL LOOP DETAIL



SECTION A-A

SECTION B-B



LEAD-IN/HOME RUN SPLICE
DETAIL "A"

NOTES:

1. CONTACT UDOT TRAFFIC MONITORING SUPERVISOR AT (801)964-4532 PRIOR TO CONSTRUCTION.
2. SEE PLAN SHEETS FOR DETECTOR LOOP LOCATIONS, STATION AND OFFSET GIVEN FOR CENTER LOOP-ADJUST LOOP PLACEMENT TO AVOID CRACKED SLABS OR CUTTING THROUGH JOINTS.
3. TAG EACH LOOP WIRE IN EACH JUNCTION BOX. NUMBER EACH LOOP CONSECUTIVELY. BEGIN WITH FIRST LOOP IN NORTH BOUND (EAST BOUND) LANE CLOSEST TO SHOULDER - IN DIRECTION OF TRAFFIC, THEN SECOND LOOP IN SAME LANE, THEN ADJACENT LANE, ENDING WITH SECOND LOOP IN OPPOSITE DIRECTION LANE CLOSEST TO SHOULDER.
4. USE SEPARATE WIRE FOR EACH LOOP. EACH LOOP WIRE TO BE CONTINUOUS, WITH NO SPLICES, EXCEPT WITH THE LEAD-IN WIRE AT THE JUNCTION BOX.
5. ALL LOOPS TO HAVE FOUR TURNS OF WIRE IN THE SAME DIRECTION, COUNTER CLOCKWISE. DO NOT TWIST WIRES IN LOOP.
6. TWIST WIRES BETWEEN LOOP AND JUNCTION BOX. ONE TWIST PER FOOT IN SAW CUT, THREE TWISTS PER FOOT IN CONDUIT.
7. INSTALL ALL CONDUCTORS IN SAW CUT. PLACE CABLE OR WIRE AT BOTTOM OF DRY SLOT. USE EPOXY SEAL WHICH DOES NOT CONTAIN ACETONE SOLVENT TO CLOSE SAW CUT.
8. USE SCHEDULE 40 PVC CONDUIT.

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| TRAFFIC COUNTING LOOP DETECTOR DETAIL | | STANDARD DRAWING TITLE | | REVISIONS | | | | | | | |
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| STD DWG SL 12 | | UTAH DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION SALT LAKE CITY, UTAH | | ENTIRE DRAWING MODIFIED, PREVIOUSLY SL 13 | | | | | | | |
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